

3. (Reiterated) The nucleic acid molecule of claim 1 further comprising vector nucleic acid sequences.

4. (Reiterated) The nucleic acid molecule of claim 1 further comprising nucleic acid sequences encoding a non-COCH5B2 polypeptide.

5. (Reiterated) A host cell which contains the nucleic acid molecule of claim 1.

6. (Reiterated) The host cell of claim 5 which is a mammalian host cell.

7. (Reiterated) A non-human mammalian host cell containing the nucleic acid molecule of claim 1.

18. (Reiterated) A kit comprising a compound which selectively hybridizes to a nucleic acid molecule of claim 1 and instructions for use.

---

29. (Amended) An isolated nucleic acid molecule comprising a fragment of at least 1000 nucleotides of a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:6 or complements thereof.

30. (Twice Amended) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence having at least about 99% sequence identity to the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:7.

31. (Amended) An isolated nucleic acid molecule comprising which encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:7, wherein the fragment comprises at least 75 contiguous amino acid residues of the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:7.

32. (Amended) An isolated nucleic acid molecule which encodes a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:7.

Applicant : Cynthia C. Morton et al.  
Serial No. : 09/394,264  
Filed : September 10, 1999  
Page : 3

Attorney's Docket No.: 10286-008001 / BWH #523 -  
Cynt

*C2 concid* . 33. (Amended) An isolated nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:7.

---

34. (Cancel) An isolated nucleic acid molecule comprising a nucleotide sequence which has at least 90% sequence identity to a nucleotide sequence of SEQ ID NO:3, or a complement thereof, and which encodes a polypeptide having at least one COCH5B2 activity.--